



SequenceListingUS.ST25.txt  
SEQUENCE LISTING

# 7

<110> Bech-Hansen, Torben

<120> GPI-Anchored Small Leucine-Rich Proteoglycan Gene NYX

<130> 45499-2

<140> US 09/853,753

<141> 2001-05-14

<150> CA 2,306,241

<151> 2000-05-12

<160> 14

<170> PatentIn version 3.1

a!  
<210> 1

<211> 2297

<212> DNA

<213> Mus sp.

<300>

<301> Bech-Hansen NT et al.

<302> Mutations in NYX, encoding the leucine-rich proteoglycan nyctalopin, cause X-linked complete congenital stationary night blindness

<303> Nature Genetics

<304> 26

<305> 3

<306> 319-323

<307> 2000-11-01

## SequenceListingUS.ST25.txt

&lt;308&gt; GenBank / AF254868

&lt;309&gt; 2000-12-23

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20 25 30

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35 40 45

Asp Arg Ala Gly Leu Leu Arg Val Pro Ala Glu Leu Pro Cys Glu Ala  
50 55 60

Val Ser Ile Asp Leu Asp Arg Asn Gly Leu Arg Phe Leu Gly Glu Arg  
65 70 75 80

Ala Phe Gly Thr Leu Pro Ser Leu Arg Arg Leu Ser Leu Arg His Asn  
85 90 95

Asn Leu Ser Phe Ile Thr Pro Gly Ala Phe Lys Gly Leu Pro Arg Leu  
100 105 110

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Ala Glu Leu Arg Leu Ala His Asn Gly Asp Leu Arg Tyr Leu His Ala  
115 120 125

Arg Thr Phe Ala Ala Leu Ser Arg Leu Arg Arg Leu Asp Leu Ala Ala  
130 135 140

Cys Arg Leu Phe Ser Val Pro Glu Arg Leu Leu Ala Glu Leu Pro Ala  
145 150 155 160

Leu Arg Glu Leu Ala Ala Phe Asp Asn Leu Phe Arg Arg Val Pro Gly  
165 170 175

Ala Leu Arg Gly Leu Ala Asn Leu Thr His Ala His Leu Glu Arg Gly  
180 185 190

Arg Ile Glu Ala Val Ala Ser Ser Ser Leu Gln Gly Leu Arg Arg Leu  
195 200 205

Arg Ser Leu Ser Leu Gln Ala Asn Arg Val Arg Ala Val His Ala Gly  
210 215 220

Ala Phe Gly Asp Cys Gly Val Leu Glu His Leu Leu Leu Asn Asp Asn  
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Leu Leu Ala Glu Leu Pro Ala Asp Ala Phe Arg Gly Leu Arg Arg Leu  
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Arg Thr Leu Asn Leu Gly Gly Asn Ala Leu Asp Arg Val Ala Arg Ala  
260 265 270

Trp Phe Ala Asp Leu Ala Glu Leu Glu Leu Leu Tyr Leu Asp Arg Asn  
275 280 285

Ser Ile Ala Phe Val Glu Glu Gly Ala Phe Gln Asn Leu Ser Gly Leu  
290 295 300

Leu Ala Leu His Leu Asn Gly Asn Arg Leu Thr Val Leu Ala Trp Val  
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Ala Phe Gln Pro Gly Phe Phe Leu Gly Arg Leu Phe Leu Phe Arg Asn  
325 330 335

Pro Trp Cys Cys Asp Cys Arg Leu Glu Trp Leu Arg Asp Trp Met Glu  
340 345 350

Gly Ser Gly Arg Val Thr Asp Val Pro Cys Ala Ser Pro Gly Ser Val  
355 360 365

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Ala Gly Leu Asp Leu Ser Gln Val Thr Phe Gly Arg Ser Ser Asp Gly  
370 375 380

Leu Cys Val Asp Pro Glu Glu Leu Asn Leu Thr Thr Ser Ser Pro Gly  
385 390 395 400

Pro Ser Pro Glu Pro Ala Ala Thr Thr Val Ser Arg Phe Ser Ser Leu  
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Leu Ser Lys Leu Leu Ala Pro Arg Val Pro Val Glu Glu Ala Ala Asn  
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Thr Thr Gly Gly Leu Ala Asn Ala Ser Leu Ser Asp Ser Leu Ser Ser  
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Arg Gly Val Gly Gly Ala Gly Arg Gln Pro Trp Phe Leu Leu Ala Ser  
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Cys Leu Leu Pro Ser Val Ala Gln His Val Val Phe Gly Leu Gln Met  
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<212> DNA

<213> Artificial Sequence

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<222> (1)..(20)

<223> forward primer for polymorphism 506B13CA1 (DXS10042)

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SequenceListingUS.ST25.txt

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SequenceListingUS.ST25.txt

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SequenceListingUS.ST25.txt

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a!  
Cont